

From: [Evan Wortman](#)
To: [Coltrain, Katrina](#); [Mason, Steve](#)
Subject: FW: TestAmerica report files from 490-137586-1 Wilcox Oil Refinery Removal Assessment
Date: Monday, October 2, 2017 9:36:30 AM
Attachments: [J137586-1 UDS Level 2 Report Final Report.pdf](#)

Steve/Katrina,

Please see the email below and confirm our backfill analysis is suitable for use. If we go by the summary RSLs then the backfill/topsoil is way below screening levels. However the lowest (non-carcinogenic) level is slightly higher for Aluminum, Iron, and Thallium.

Also, arsenic is elevated about the RSLs but is much less than background concentrations for this area of Oklahoma (10ppm). I have also attached the lab data again for the backfill/topsoil samples.

Thanks

Evan

From: Rebecca Laramie
Sent: Monday, October 02, 2017 8:13 AM
To: Evan Wortman <e.wortman@erllc.com>
Subject: RE: TestAmerica report files from 490-137586-1 Wilcox Oil Refinery Removal Assessment
Hi Evan,

They only ran the samples for PAH and Metals. All of the PAHs far below the respective RSL. The following metals had concentrations in the samples that were higher than at least one of the RSL criteria.

Analyte	CAS Number	Summary RSL (mg/kg) THQ=1	Carcinogenic RSL (mg/kg)	Non-carcinogenic RSL (mg/kg) THQ=0.1	Topsoil	Backfill
Aluminum	7429-90-5	77,000 n	NS	7,700	12,100	11,300
Arsenic	7440-38-2	0.680 c*R	0.68	3.50	2.57	3.47
Iron	7439-89-6	55,000 n	NS	5,500	8,860	7,230
Thallium	7440-28-0	0.780 n	NS	0.078	0.233	0.225

From: Evan Wortman
Sent: Saturday, September 30, 2017 6:28 AM
To: Rebecca Laramie <r.laramie@erllc.com>
Subject: FW: TestAmerica report files from 490-137586-1 Wilcox Oil Refinery Removal Assessment
Analysis for my backfill in Tulsa. Can you review vs RSLs?

From: Cobb, Derrick [<mailto:Derrick.Cobb@WestonSolutions.com>]
Sent: Saturday, September 30, 2017 7:10 AM
To: Evan Wortman <e.wortman@erllc.com>
Subject: Fwd: TestAmerica report files from 490-137586-1 Wilcox Oil Refinery Removal Assessment

Sent from my iPhone

Begin forwarded message:

From: "Wright, Jeff" <Jeff.Wright@WestonSolutions.com>
Date: September 29, 2017 at 9:44:06 PM CDT
To: "Cobb, Derrick" <Derrick.Cobb@WestonSolutions.com>
Cc: "Willis, Meagan" <Meagan.Willis@WestonSolutions.com>, "Criner, Jeffrey J." <Jeff.Criner@WestonSolutions.com>
Subject: Fwd: TestAmerica report files from 490-137586-1 Wilcox Oil Refinery Removal Assessment

Wilcox data attached

Jeff Wright
Weston Solutions
225-278-8406
Sent from my iPhone

Begin forwarded message:

From: "Kudchadkar, Sachin" <sachin.kudchadkar@testamericainc.com>
To: "Wright, Jeff" <Jeff.Wright@WestonSolutions.com>
Subject: TestAmerica report files from 490-137586-1 Wilcox Oil Refinery Removal Assessment

Hello,

Attached please find the report files for job 490-137586-1; Wilcox Oil Refinery Removal Assessment

Please feel free to contact me if you have any questions.

Thank you.

Please let us know if we met your expectations by rating the service you received from TestAmerica on this project by visiting our website at: [Project Feedback](#)

SACHIN G KUDCHADKAR
Project Manager

TestAmerica Houston
THE LEADER IN ENVIRONMENTAL TESTING

Tel: 713.690.4444
www.testamericainc.com

Reference: [386975]
Attachments: 1

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